



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090023-D

Mode: Highway

Status: Submitted

I-73, I-74, US-220

From/Cross Street: North of NC 24/27

Specific Improvement Type: 17 - Upgrade Freeway to Interstate Standards

To: North of SR 1002 (Spies Road)

Project Category: Statewide Mobility

Length: 3.27

TIP#: I-4406D

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,970,000

Description:

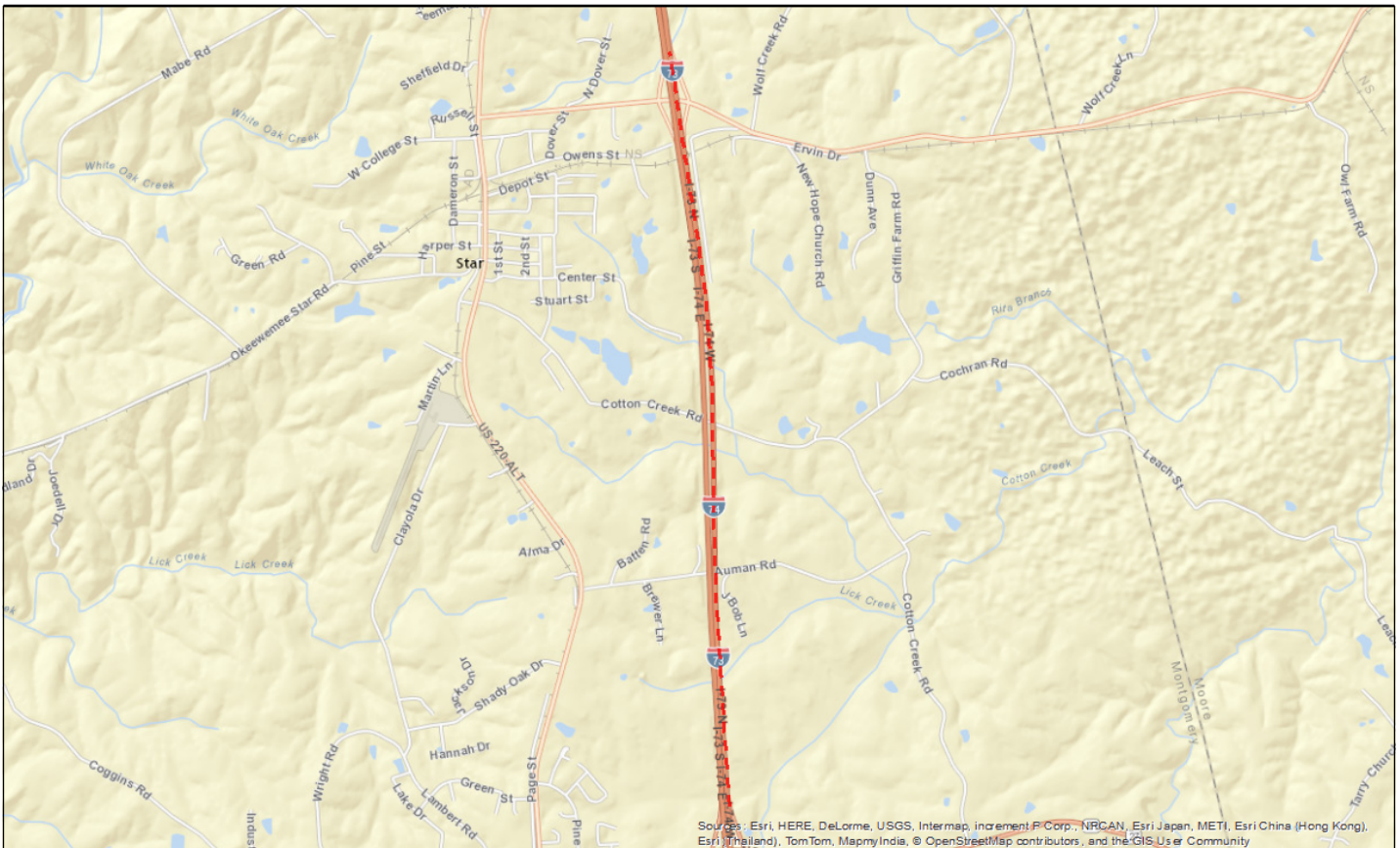
South of Steeds to North of Emery. Upgrade to interstate Standards. Section D: North of NC 24/27 to North of SR 1002 (Spies Road)..

Division(s): Division 8

County(s): MONTGOMERY

MPOS(s)/RPO(s): Piedmont Triad RPO

Project Location



Statewide Mobility Total Score: 11.44

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	17.13	N/A	N/A
Safety (10%)	33.36		
Economic Competitiveness (10%)	0.00		
Multimodal + [Freight & Military] (20%)	14.84		
[Travel Time] Benefit/Cost (30%)	0.00		
Totals: Weight: 100% Weighted Score: 11.44			

Regional Impact Total Score: 17.42

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%)	33.36	Percent: 15% Points: 0	Percent: 15% Points: 50
[Travel Time] Benefit/Cost (25%)	0.00		
Accessibility / Connectivity (10%)	23.00		
Congestion (V/C) (25%)	17.13		
Totals: Weight: 70% Weighted Score: 9.92			

Division Needs Total Score: 6.76

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	17.13	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%)	33.36		
[Travel Time] Benefit/Cost (20%)	0.00		
Totals: Weight: 50% Weighted Score: 6.76			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	65
Length (miles):	3.27
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	13000
Capacity:	65400
Volume/Capacity Ratio:	0.2
% Autos:	77%
% Trucks:	23%
Truck Volume:	2968.8
Crash Density:	15.24
Crash Severity:	50.93
Critical Crash Rate:	33.92
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	0
Actual Congested Speed:	64
Travel Time Index:	1.02

Project Benefits

Project Cross-Section:	
Speed Limit:	65
Length (miles):	3.27
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Piedmont Triad RPO	100%	50	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		50	0

Project Cost and Source

Construction Cost:	\$10,950,000	TIP Unit
Right-of-Way Cost:	\$20,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$10,970,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$10,970,000	